GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:1777
ANSWERED ON:02.08.2001
GAS BASED POWER PLANTS IN GUJARAT
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Will the Minister of POWER be pleased to state:

(a) whether the gas based power plants of NTPC located in Gujarat are unable to utilize their optimum capacities;

(b) if so, the reasons therefor;

(c) whether the Union Government have made efforts for increasing the availability of gas for optimum generation of power;

(d) if so, the achievements made thereof;

(e) whether the Government propose to set up some more gas based power plants in the State; and

(f) if so, the details thereof and the time by which these proposals are likely to be completed?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA)

(a) & (b): National Thermal Power Corporation (NTPC) has two gas based power plants in Gujarat viz., one at Kawas of 645 MW capacity and the other at Jhanor Gandhar of 648 MW. Each of these plants requires 3 Million Cubic Meter Per Day (MCMD) of gas to run at full capacity. While Kawas gas plant has been provided a gas linkage of 2.25 MCMD, Jhanor Gandhar gas plant has a linkage of 1.50 MCMD of gas only.

However, the details of actual supply of gas and generation (PLF) in these plants are as follows:

Year	Kawas Gas Plant		Jhanor Gandhar Gas Plant	
	Gas Supply (MCMD)	PLF (%)	Gas Supply (MCMD)	PLF (%)
2000-01	1.47	81.7	1.53	48.5
2001-02 (till 07`01)	0.78	74.29	1.84	60.85

(c) & (d): The Ministry of Petroleum and Natural Gas (MP & NG) has been approached for increasing gas supply to these gas plants. The MP & NG has stated that additional gas will be supplied as and when the same is available.

To supplement the gas supply for optimum capacity utilization, gas from Kawas gas plant is being diverted to Jhanor Gandhar gas plant by the Gas Authority of India Limited (GAIL). The short supply of gas at Kawas gas plant is being supplemented by firing naphtha.

(e) & (f): The Govt. have approved expansion of Kawas and Jhanor Gandhar gas plants of NTPC by addition of 650 MW capacity each as mega projects. These projects were originally proposed to be set up with naphtha as bridge fuel and Liquified Natural Gas (LNG) as long term fuel. However, in view of abnormal increase in prices of naphtha and also LNG, NTPC has decided to match commissioning of these projects with the availability of imported regassified LNG at a reasonable and stable price. Based on the expected cost of regassified LNG, the cost of generation is estimated to be about RS. 4/kwh. NTPC had sought re-confirmation from the beneficiary states for availing power from these expansion projects at this indicative price to enable them to take up construction of these projects. Major beneficiaries namely Madhya Pradesh, Maharashtra, Chhattisgarh, Goa, Daman & Diu and Dadra & Nagar Haveli have expressed their unwillingness to purchase power at such a high cost. NTPC will take up further processing of these

expansion projects for investment approval only after confirmation of availability of LNG at reasonably firm price and acceptance of the cost of generation based on LNG price by the beneficiary states.